

**Listing of Claims:**

1. (Currently Amended) A transgenic ~~nonhuman-mammal~~ mouse whose germ and somatic cells contain (i) a first heterologous nucleic acid sequence encoding a transcriptional activator whose expression is under the control of a CaMKII $\alpha$  promoter and (ii) a second heterologous nucleic acid sequence encoding a calcineurin inhibitor protein whose expression is under the control of a promoter responsive to the transcriptional activator in a regulatable manner, wherein the mammal exhibits enhanced calcineurin inhibitor protein expression on induction of the transcriptional activator.
2. (Currently Amended) The transgenic ~~nonhuman-mammal~~ mouse of claim 1, wherein the transcriptional activator comprises rtTA and the promoter of the second nucleic acid sequence comprises a tetO-tetracycline-responsive sequence.
3. (Canceled).
4. (Currently Amended) The transgenic ~~nonhuman-mammal~~ mouse of claim 1, wherein the calcineurin inhibitor protein comprises the carboxy-terminal autoinhibitory sequence of calcineurin.
5. (Currently Amended) The transgenic ~~nonhuman-mammal~~ mouse of claim 1, wherein the expression of the calcineurin inhibitor protein is induced by doxycycline.
6. (Currently Amended) The transgenic ~~nonhuman-mammal~~ mouse of claim 1, wherein the transcriptional activator comprises

tTA and the promoter of the second nucleic acid sequence comprises a tetracycline-responsive sequence.

7. (Canceled).
8. (Currently Amended) The transgenic ~~nonhuman mammal~~ mouse of claim 6, wherein the calcineurin inhibitor protein comprises the carboxy-terminal autoinhibitory sequence of calcineurin.
9. (Currently Amended) The transgenic ~~nonhuman mammal~~ mouse of claim 6, wherein the expression of the calcineurin inhibitor protein is repressed by doxycycline.
- 10-20. (Canceled)
21. (Currently Amended) A ~~nonhuman composition of matter~~ comprising a nucleic acid vector comprising (i) a first nucleic acid encoding a transcriptional activator whose expression is under the control of a CaMKII $\alpha$  promoter and (ii) a second nucleic acid encoding a calcineurin inhibitor protein whose expression is under the control of a promoter responsive to the transcriptional activator in a regulatable manner, ~~wherein the nonhuman composition of matter exhibits enhanced calcineurin inhibitor protein expression on induction of the transcriptional activator.~~
22. (Canceled).
23. (Currently Amended) The composition ~~of matter~~ of claim 21, wherein the transcriptional activator comprises rtTA and the promoter of the second nucleic acid sequence comprises a tetracycline-responsive sequence.

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24. (Canceled).
25. (Currently Amended) The composition ~~of matter~~ of claim 21, wherein the calcineurin inhibitor protein comprises the carboxy-terminal autoinhibitory sequence of calcineurin.
26. (Currently Amended) The composition ~~of matter~~ of claim 21, wherein the expression of the calcineurin inhibitor protein is induced by doxycycline.
27. (Currently Amended) The composition ~~of matter~~ of claim 21, wherein the transcriptional activator comprises tTA and the promoter of the second nucleic acid sequence comprises a tetracycline-responsive sequence.
28. (Canceled).
29. (Currently Amended) The composition ~~of matter~~ of claim 21, wherein the calcineurin inhibitor protein comprises the carboxy-terminal autoinhibitory sequence of calcineurin.
30. (Currently Amended) The composition ~~of matter~~ of claim 21, wherein the expression of the calcineurin inhibitor protein is repressed by doxycycline.
- 31-34. (Canceled)